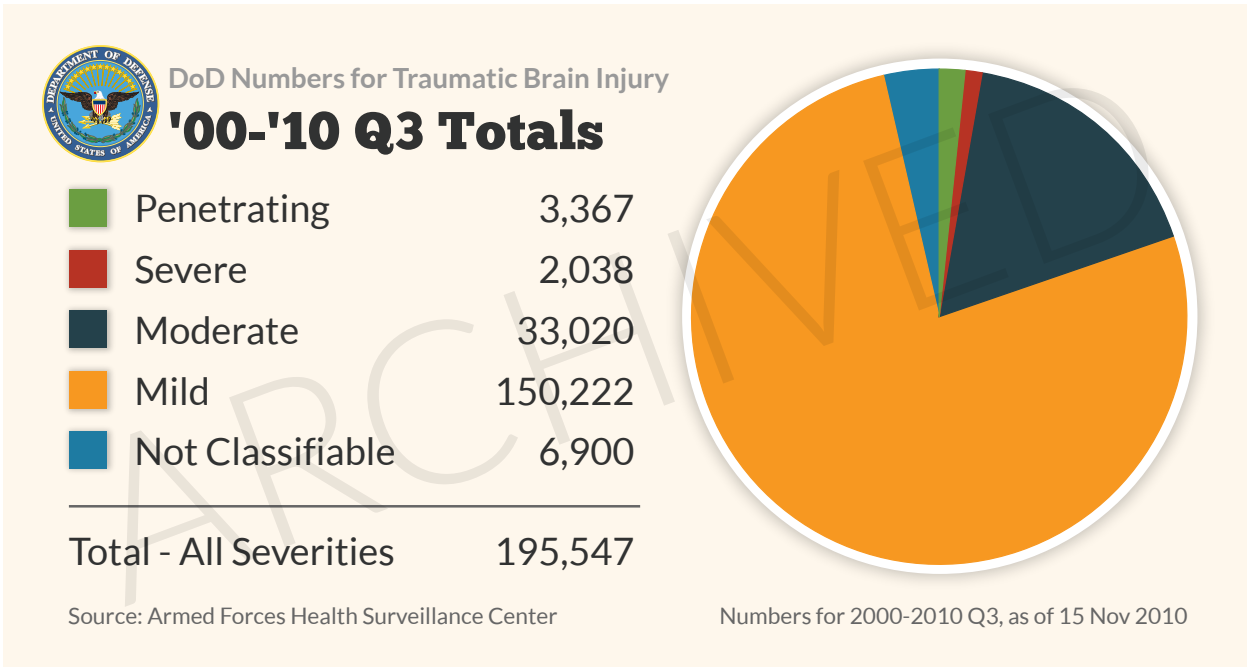


## TBI Numbers By Severity – All Armed Forces



**Concussion/Mild TBI is characterized by the following:** A confused or disoriented state which lasts less than 24 hours; loss of consciousness for up to 30 minutes; memory loss lasting less than 24 hours; and structural brain imaging (MRI or CT scan) yielding normal results.

**Moderate TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 30 minutes, but less than 24 hours; memory loss lasting greater than 24 hours but less than seven days; and structural brain imaging yielding normal or abnormal results.

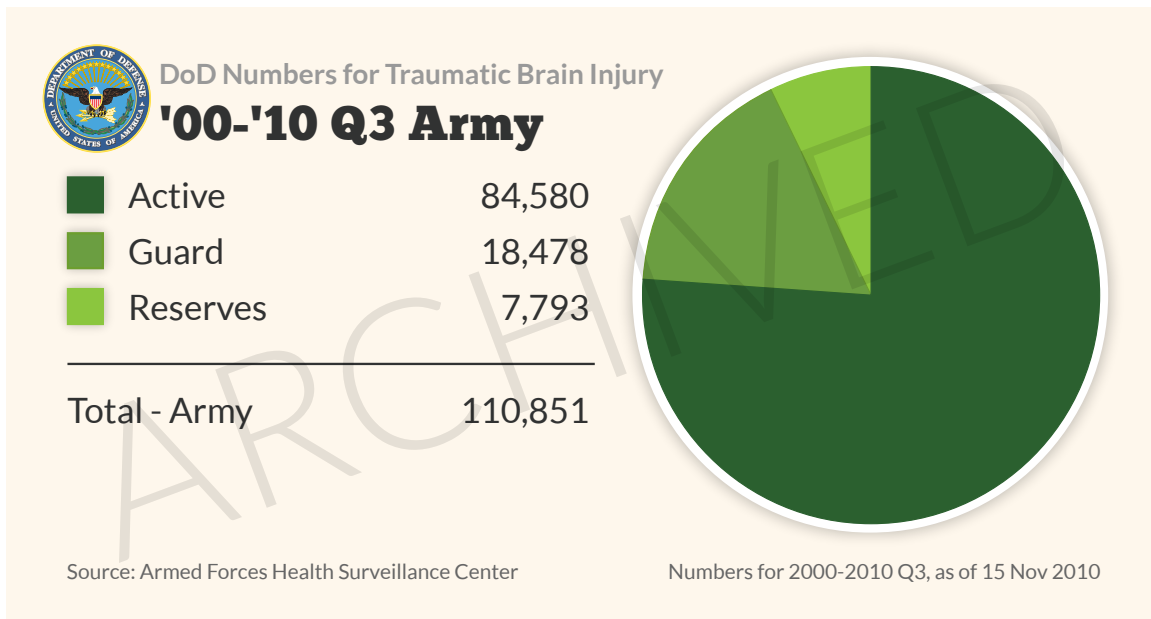
**Severe TBI is characterized by the following:** A confused or disoriented state which lasts more than 24 hours; loss of consciousness for more than 24 hours; memory loss for more than seven days; and structural brain imaging yielding normal or abnormal results.

**Penetrating TBI, or open head injury, is characterized by the following:** A head injury in which the dura mater, the outer layer of the meninges, is penetrated. Penetrating injuries can be caused by high-velocity projectiles or objects of lower velocity such as knives, or bone fragments from a skull fracture that are driven into the brain.

*Numbers for 2000 – 2010 Q3, as of 15 November 2010*

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Army

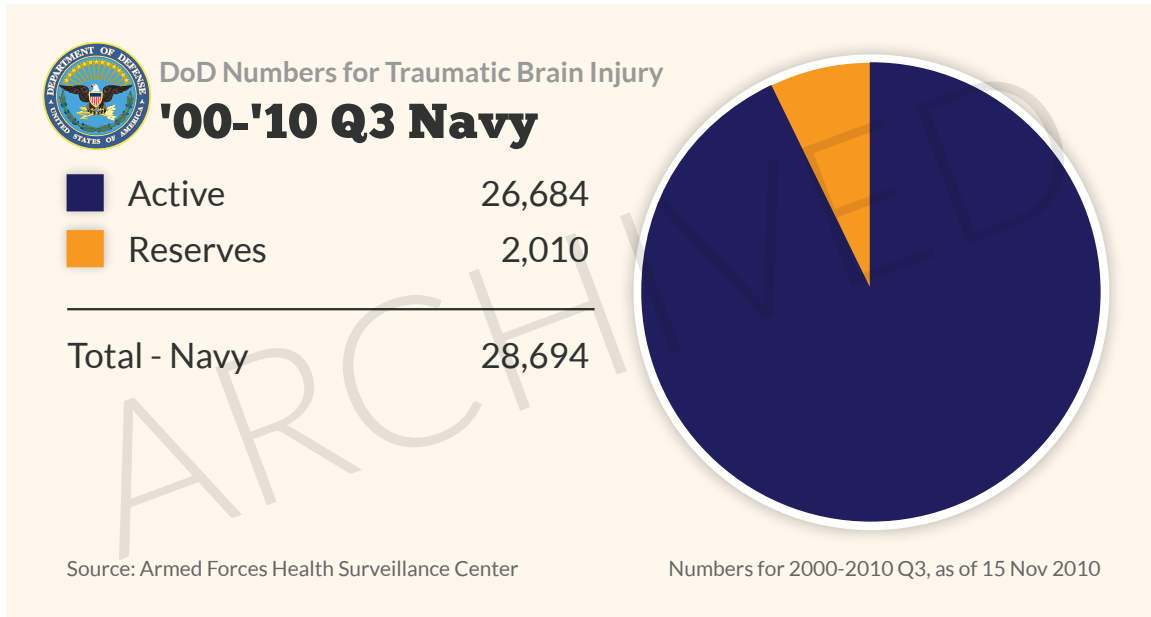


Service	Component	Severity	2000 – 2010 Q3
Army	Active	Penetrating	1,628
		Severe	903
		Moderate	13,302
		Mild	63,321
		Not Classifiable	5,426
	Guard	Penetrating	324
		Severe	198
		Moderate	3,061
		Mild	14,316
		Not Classifiable	579
	Reserves	Penetrating	104
		Severe	67
		Moderate	1,306
		Mild	6,064
		Not Classifiable	252

Numbers for 2000 – 2010 Q3, as of 15 November 2010

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Navy

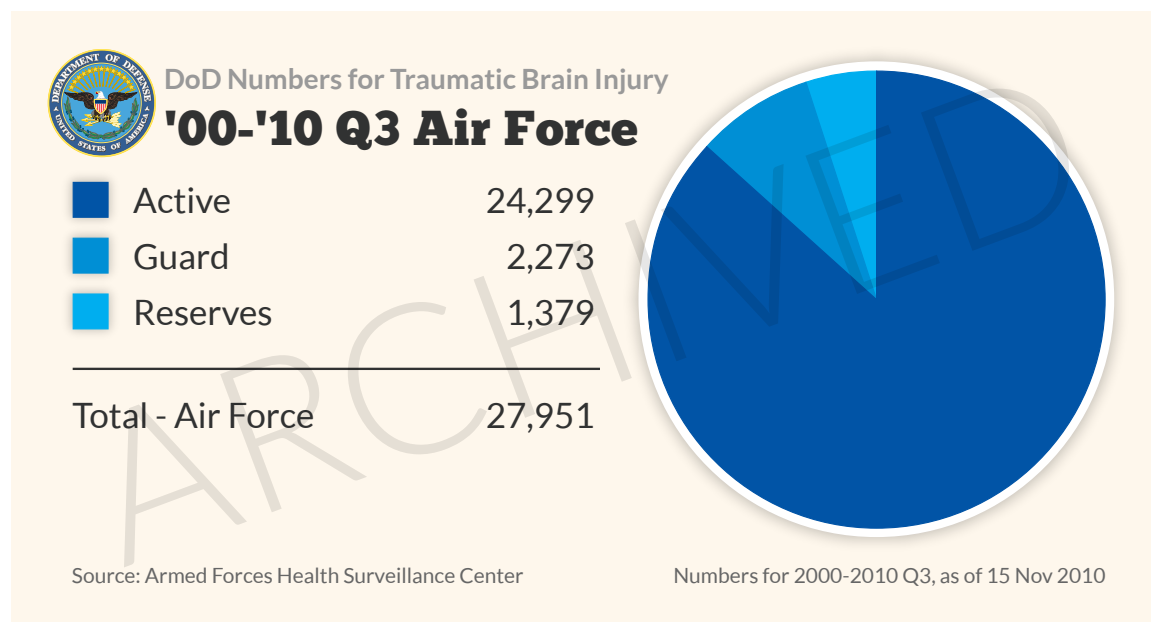


Service	Component	Severity	2000 – 2010 Q3
Navy	Active	Penetrating	416
		Severe	273
		Moderate	5,223
		Mild	20,557
		Not Classifiable	215
	Reserves	Penetrating	30
		Severe	17
		Moderate	367
		Mild	1,587
		Not Classifiable	9

*Numbers for 2000 – 2010 Q3, as of 15 November 2010*

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Air Force

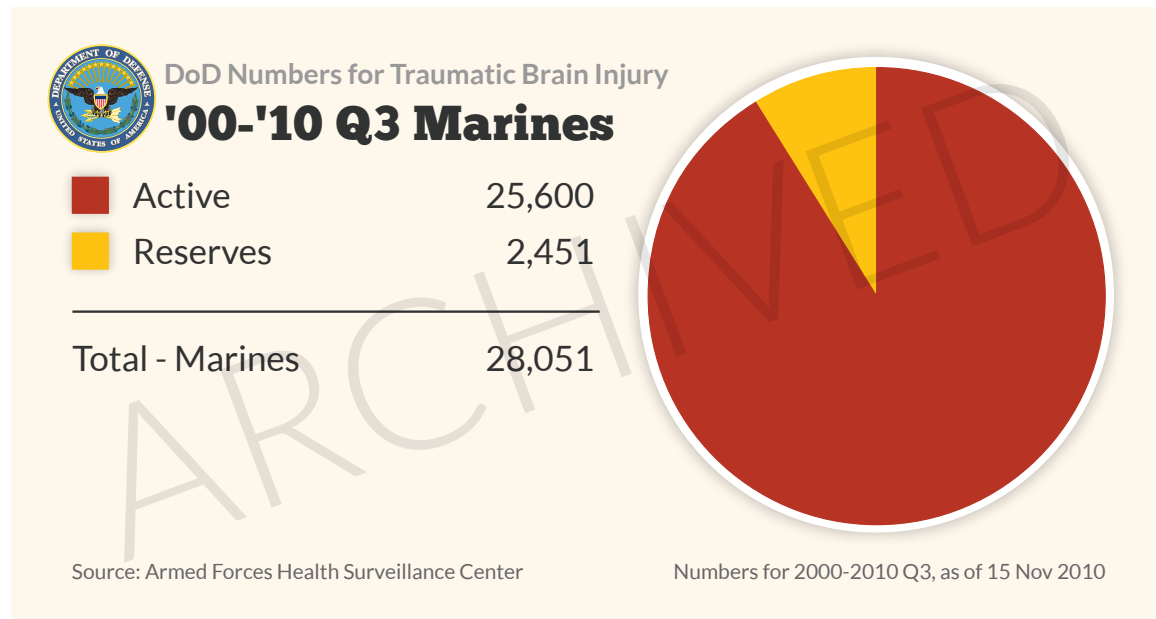


Service	Component	Severity	2000 – 2010 Q3
Air Force	Active	Penetrating	330
		Severe	234
		Moderate	3,830
		Mild	19,774
		Not Classifiable	131
	Guard	Penetrating	30
		Severe	16
		Moderate	341
		Mild	1,871
		Not Classifiable	15
	Reserves	Penetrating	12
		Severe	14
		Moderate	224
		Mild	1,116
		Not Classifiable	13

Numbers for 2000 – 2010 Q3, as of 15 November 2010

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)

## TBI Numbers By Armed Forces Branch – Marines



Service	Component	Severity	2000 – 2010 Q3
Marines	Active	Penetrating	452
		Severe	299
		Moderate	4,898
		Mild	19,718
		Not Classifiable	233
	Reserves	Penetrating	41
		Severe	17
		Moderate	468
		Mild	1,898
		Not Classifiable	27

*Numbers for 2000 – 2010 Q3, as of 15 November 2010*

Source: Defense Medical Surveillance System (DMSS) and Theater Medical Data Store (TMDS)  
Prepared by Armed Forces Health Surveillance Center (AFHSC)